



TITLE:

INVERTEBRATE FAUNA OF THE INTERTIDAL ZONE OF THE TOKARA ISLANDS -IV. PRELIMINARY LIST OF THE COLLECTION OF BRACHYURA AND STOMATOPODA-

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INVERTEBRATE FAUNA OF THE INTERTIDAL ZONE OF THE TOKARA ISLANDS

IV. PRELIMINARY LIST OF THE COLLECTION OF BRACHYURA AND STOMATOPODA¹⁾²⁾

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With one Text-figure

The collection of crabs is submitted to Dr. T. SAKAI for his investigation, who will publish a complete report. Here, I give preliminarily the list of some easily identified species in the present collection with some brief notes on their habitats.

BRACHYURA

Dromiacea

1. *Petalomera fukuii* SAKAI (Takarazima, 2 individuals)

Oxystomata

2. *Calappa hepatica* LINNÉ (Takarazima)
3. *Calappa gallus* (HERBST) (Takarazima)

Brachygnatha-Oxyrhyncha

4. *Elamena truncata* (STIMPSON) (Nakanosima)
5. *Micippa platipes* RÜPPELL (Takarazima)
6. *Tiarinia cornigera* LATREILLE The dead shells are found very commonly stranded along the coast of Takarazima, while they are rather rare in Nakanosima.

Brachygnatha-Brachyrhyncha

7. *Neptunus* (*Neptunus*) *sanguinolentus* (HERBST) A chela was found in Takarazima.
8. *Charybdis orientalis* DANA (Nakanosima)

1) Scientific Survey of the Tokara Islands, Report No. 5.

2) Contributions from the Seto Marine Biological Laboratory, No. 211.

9. *Thalamita stimpsoni* A. M. EDWARDS The carapace is greenish when alive. (Takarazima and Nakanosima, in the latter it was met with rather frequently.)
10. *Thalamita picta* STIMPSON The carapace is sandy in colour when alive. (Nakanosima)
11. *Thalamita integra* DANA (Takarazima, stranded)
12. *Carpilius maculatus* LINNÉ (Takarazima)
13. *Zoymus aeneus* (LINNÉ) (Takarazima)
14. *Daira perlata* (HERBST) (Takarazima, a stranded carapace)
15. *Xantho (Leptodius) exaratus* (M. EDWARDS) (Takarazima, a stranded carapace)
16. *Xantho (Leptodius) sanguineus* (M. EDWARDS) (The dead shells are very numerous along the coasts of Takarazima and Nakanosima)
17. *Xantho* sp. (Nakanosima)
18. *Paraxanthias notatus* (DANA) (Nakanosima, 2 individuals)
19. *Carpilodes rugatus* (M. EDWARDS) Carapace purplish when alive. (Takarazima)
20. *Actaea tomentosa* (M. EDWARDS) (Takarazima)
21. *Actaea consobrina* A. M. EDWARDS (Nakanosima)
22. *Etisus (Etisoides) splendidus* (RATHBUN) (Piece of carapace, Nakanosima)
23. *Phymodius unguatus* (H. M. EDWARDS) (Takarazima, an individual)
24. *Ozius rugulosus* STIMPSON (Takarazima & Nakanosima)
25. *Epixanthus frontalis* (M. EDWARDS) (Common in Takarazima)
26. *Epixanthus corrosus* A. M. EDWARDS (Nakanosima)
27. *Lydia amulipes* (M. EDWARDS) (The dead shells are common in Takarazima, only an individual in Nakanosima)
28. *Eriphia laevimana* LATREILLE The eyes red and the carapace grayish violet when alive. (Common in both Takarazima and Nakanosima)
29. *Eriphia scabricula* DANA (Common in Takarazima, fewer in Nakanosima)
30. *Dacryopilumnus rathbunae* BALSS (Takarazima)
31. *Pilumnus vespertilio* FABRICIUS (Takarazima)
32. *Ocypoda* sp. (In the sandy beach near Ôgomori of Takarazima)
33. *Euplax* sp. (In the sandy heaps on the reef of Nakanosima.)
34. *Grapsus grapsus tenuicrustatus* (HERBST) (A cast-off shell in Nakanosima)
35. *Grapsus strigosus* HERBST The carapace is somewhat greenish and transversely striped with thin purplish brown bands. (Numerous in Takarazima, common in Nakanosima)
36. *Geograpsus crinipes* (DANA) (Takarazima)
37. *Geograpsus lividus stormi* DE MAN (An individual from Takarazima, chela in Nakanosima)
38. *Pachygrapsus crassipes* RANDALL (Nakanosima)

39. *Pachygrapsus minutus* A. M. EDWARDS (Very numerous in both Takarazima and Nakanosima)
40. *Pachygrapsus plicatus* (M. EDWARDS) (A cast-off shell in Takarazima)
41. *Eriocheir japonicus* DE HAAN (Nakanosima)
42. *Ptychognathus* sp. (Nakanosima)
43. *Plagusia depressa tuberculata* LAMARCK (Takarazima and Nakanosima)
44. *Percnon planissimum* (HERBST) (Takarazima and Nakanosima)

STOMATOPODA

1. *Gonodactylus chiragra* FABRICIUS Common in both Takarazima and Nakanosima. The body is usually pale yellowish brown and sprinkled with dark spots. Some specimens are, however, uniformly coloured dark green. (TK. Nos. 55-57).

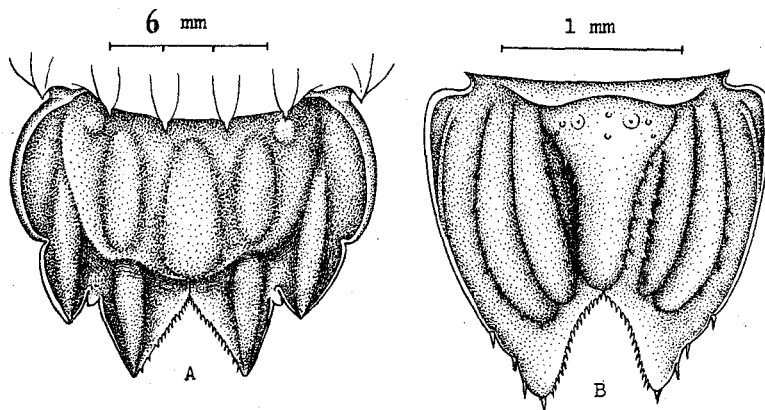


Fig. 1. Telson of *Gonodactylus chiragra* FABRICIUS (A) and *G. glabrous* BROOKS, 16mm long individual (B).

2. *Gonodactylus glabrous* BROOKS Only two small individuals were collected in Takarazima. (TK. No. 58).

12 line. For TK. Nos. 55-57 read TK. Nos. 64-6
 14 line. For TK. No. 58 read TK. No. 67.